

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
 Data File : BP013455.D
 Acq On : 11 Jan 2023 21:37
 Operator : CG/JU
 Sample : 01105-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-6

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP013455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.005	304	309	319	rVB	1606433	2397421	3.11%	0.262%
2	5.481	383	390	408	rVB	5022086	7936530	10.29%	0.866%
3	6.428	542	551	563	rVB	442657	793261	1.03%	0.087%
4	6.593	570	579	588	rBV	24706035	41204006	53.42%	4.498%
5	6.893	624	630	635	rBV	2377299	3732321	4.84%	0.407%
6	7.087	655	663	673	rVB	5603381	9055071	11.74%	0.988%
7	7.358	700	709	721	rBV	35015145	71046405	92.11%	7.755%
8	7.811	782	786	794	rVB	606276	918485	1.19%	0.100%
9	7.922	796	805	812	rBV	1272825	2052774	2.66%	0.224%
10	8.134	834	841	846	rBV	1380039	2150585	2.79%	0.235%
11	8.193	846	851	857	rVB	1743362	2642080	3.43%	0.288%
12	9.093	998	1004	1009	rVV	3406118	5731371	7.43%	0.626%
13	9.140	1009	1012	1026	rVB	802108	1193246	1.55%	0.130%
14	10.005	1149	1159	1164	rBV	488949	1098188	1.42%	0.120%
15	10.734	1276	1283	1289	rVB	1946424	3187785	4.13%	0.348%
16	11.646	1431	1438	1446	rBV	592521	1083710	1.40%	0.118%
17	13.187	1694	1700	1707	rVB	9633082	14087515	18.26%	1.538%
18	13.434	1737	1742	1747	rVB	898003	1249475	1.62%	0.136%
19	13.881	1813	1818	1824	rVV	1090296	1573939	2.04%	0.172%
20	14.287	1880	1887	1897	rBV2	366358	921588	1.19%	0.101%
21	14.404	1900	1907	1913	rBV3	307680	783239	1.02%	0.085%
22	14.569	1929	1935	1941	rVB	3707401	5262481	6.82%	0.574%
23	14.628	1941	1945	1950	rVB2	1237104	1663291	2.16%	0.182%
24	14.816	1972	1977	1983	rBV2	648380	1009062	1.31%	0.110%
25	14.975	1997	2004	2010	rBV3	594150	1223885	1.59%	0.134%
26	15.616	2107	2113	2121	rBV2	644091	1164452	1.51%	0.127%
27	15.928	2161	2166	2175	rVB4	617095	1284846	1.67%	0.140%
28	16.063	2180	2189	2196	rVV	12134499	18738934	24.29%	2.045%
29	16.710	2295	2299	2305	rBV3	1053418	1522964	1.97%	0.166%
30	17.069	2354	2360	2365	rBV3	443113	1030097	1.34%	0.112%
31	17.145	2369	2373	2380	rVB	771843	1119991	1.45%	0.122%
32	17.210	2380	2384	2387	rBV	727269	991240	1.29%	0.108%
33	17.328	2399	2404	2407	rVV	5825361	8130670	10.54%	0.888%
34	17.375	2407	2412	2421	rVB	12609562	19213812	24.91%	2.097%
35	17.463	2422	2427	2432	rBV	3112936	4823959	6.25%	0.527%
36	17.510	2432	2435	2443	rVB2	905536	1950508	2.53%	0.213%

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Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.734	2469	2473	2477	rBV	958221	1149770	1.49%	0.126%
38	18.216	2547	2555	2563	rBV2	17610847	34151035	44.27%	3.728%
39	18.310	2568	2571	2576	rVB2	1784781	2391188	3.10%	0.261%
40	18.386	2576	2584	2587	rBV3	3191336	6196825	8.03%	0.676%
41	18.416	2587	2589	2593	rVB	1292321	1402301	1.82%	0.153%
42	18.469	2593	2598	2604	rBV3	3236471	5506893	7.14%	0.601%
43	18.610	2619	2622	2625	rBV3	681165	962574	1.25%	0.105%
44	18.675	2629	2633	2637	rVV	4443366	5324661	6.90%	0.581%
45	18.722	2637	2641	2646	rVB	2094202	2902920	3.76%	0.317%
46	18.828	2652	2659	2662	rBV6	1712281	3606943	4.68%	0.394%
47	18.863	2662	2665	2671	rVV2	2084345	2871448	3.72%	0.313%
48	19.110	2696	2707	2711	rBV3	2869063	6859220	8.89%	0.749%
49	19.222	2722	2726	2729	rBV2	1861200	2941861	3.81%	0.321%
50	19.251	2729	2731	2734	rVB	1379285	1377538	1.79%	0.150%
51	19.345	2735	2747	2756	rBV2	33370983	68603152	88.94%	7.489%
52	19.439	2756	2763	2767	rBV2	11521487	20387454	26.43%	2.225%
53	19.663	2796	2801	2803	rBV2	7352106	11430447	14.82%	1.248%
54	19.698	2803	2807	2813	rVB	27687644	40089106	51.97%	4.376%
55	19.822	2825	2828	2832	rBV2	2734918	3455256	4.48%	0.377%
56	19.881	2833	2838	2842	rVB	21095369	27375857	35.49%	2.988%
57	19.933	2844	2847	2853	rVB2	2518806	3296031	4.27%	0.360%
58	20.016	2857	2861	2865	rVB	3932529	5614758	7.28%	0.613%
59	20.122	2875	2879	2883	rBV2	5600085	8572451	11.11%	0.936%
60	20.175	2883	2888	2895	rVB2	15700629	31925366	41.39%	3.485%
61	20.275	2900	2905	2908	rBV	5295552	7422900	9.62%	0.810%
62	20.322	2908	2913	2918	rBV4	6265300	11194114	14.51%	1.222%
63	20.439	2930	2933	2935	rBV	2708052	3054537	3.96%	0.333%
64	20.504	2940	2944	2951	rVB5	6468240	12509358	16.22%	1.365%
65	20.598	2956	2960	2963	rBV2	10229623	14175154	18.38%	1.547%
66	20.663	2963	2971	2977	rVV4	27677874	77134751	100.00%	8.420%
67	20.716	2977	2980	2987	rVB5	7326876	11460765	14.86%	1.251%
68	20.904	3009	3012	3017	rVB	5243910	6287242	8.15%	0.686%
69	20.992	3019	3027	3029	rBV2	16731866	34760984	45.07%	3.794%
70	21.110	3044	3047	3052	rBV2	6470371	10094728	13.09%	1.102%
71	21.398	3089	3096	3104	rBV4	20711932	65113892	84.42%	7.108%
72	21.469	3105	3108	3116	rVB	16554465	21969278	28.48%	2.398%
73	21.592	3126	3129	3135	rVB	4488054	6077088	7.88%	0.663%
74	21.663	3137	3141	3147	rVV2	5307339	8468530	10.98%	0.924%
75	22.380	3258	3263	3269	rVB	9068858	13605886	17.64%	1.485%
76	23.151	3388	3394	3399	rBV	13046080	31980457	41.46%	3.491%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.686	3480	3485	3492	rVB	8517334	16698430	21.65%	1.823%
78	23.792	3498	3503	3511	rVB	10990110	21736521	28.18%	2.373%

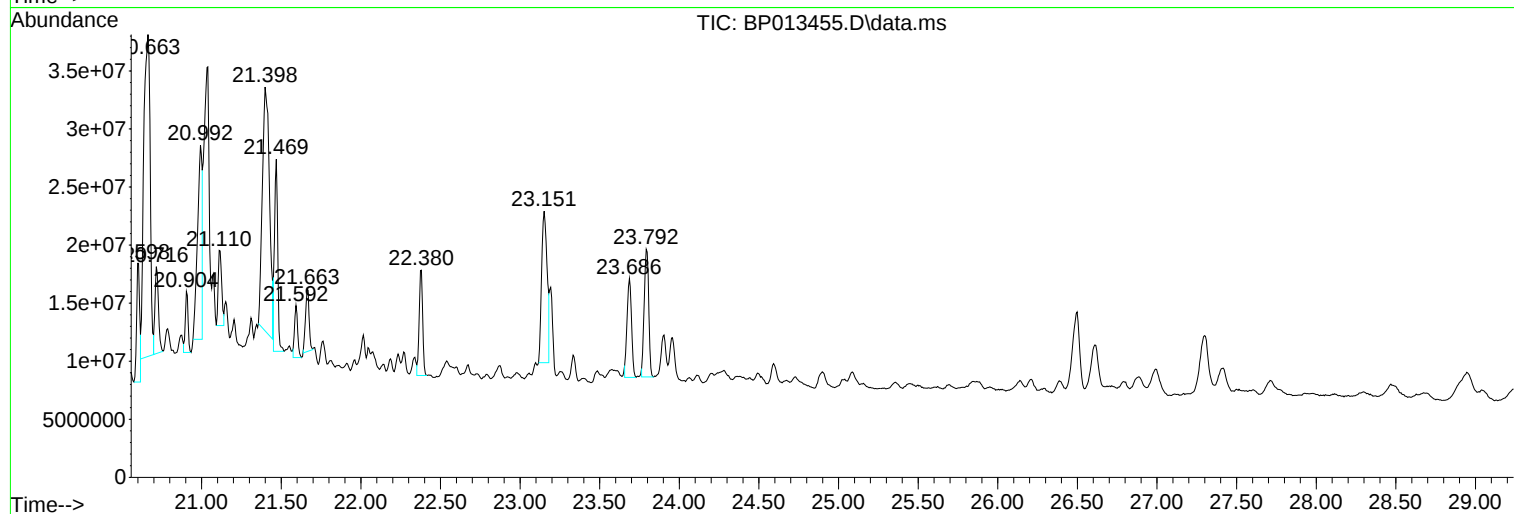
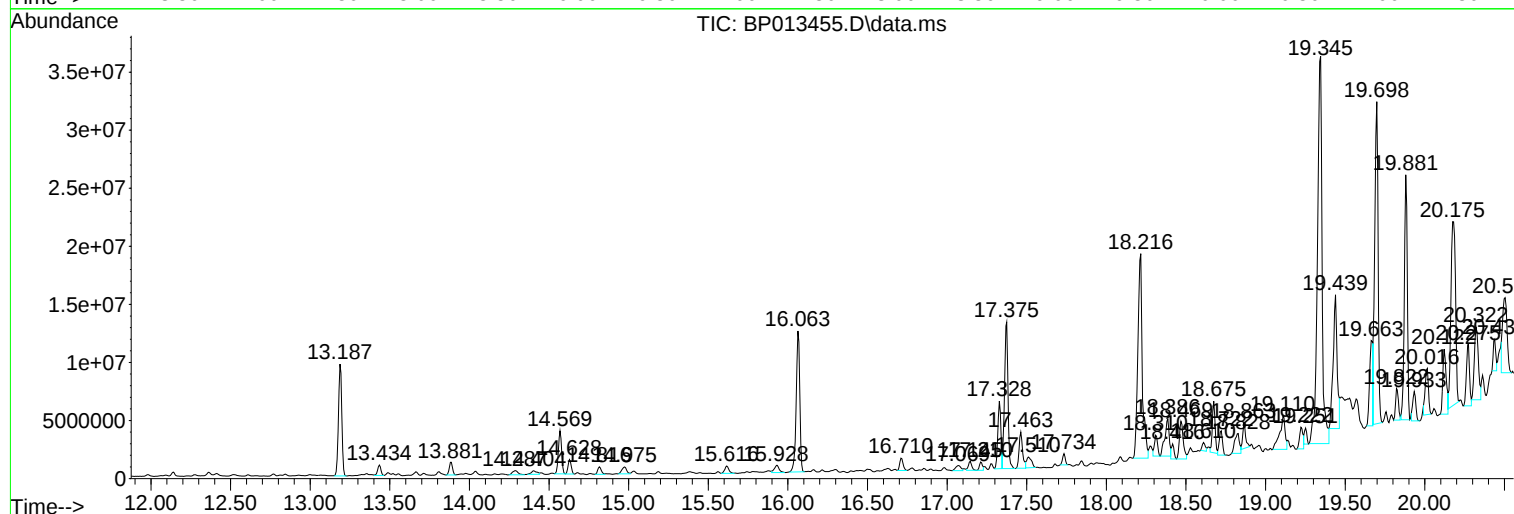
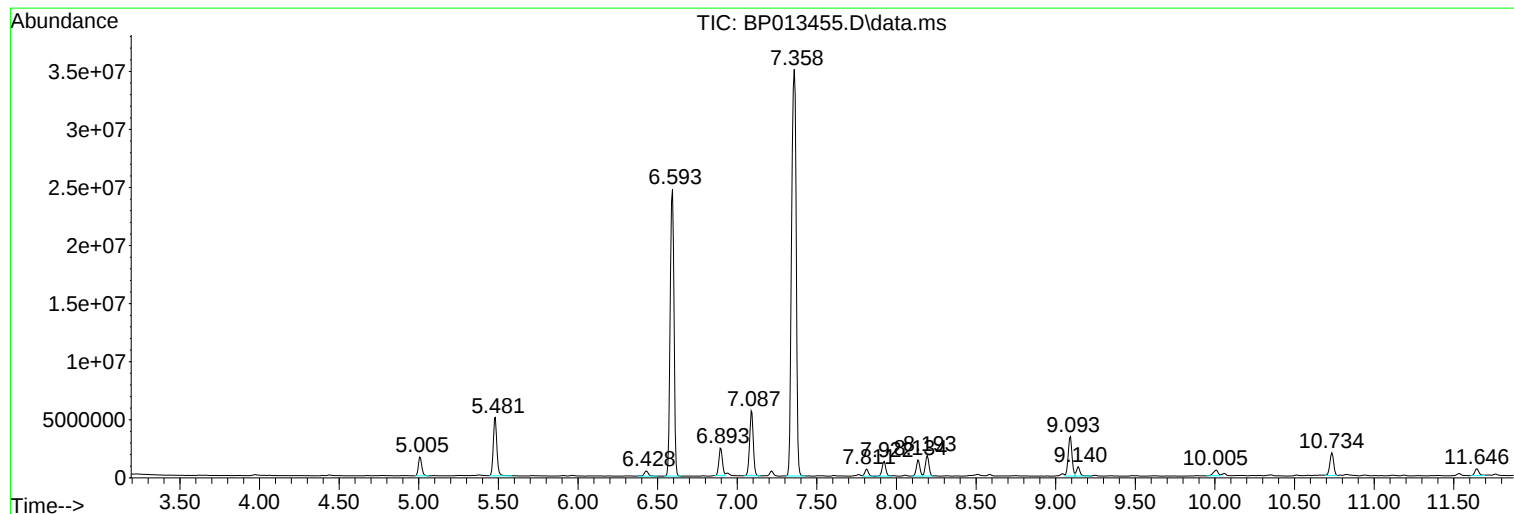
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6

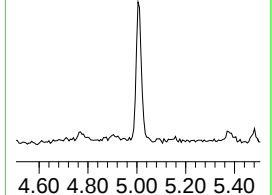
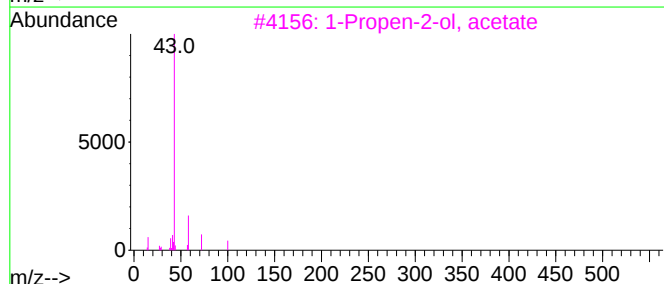
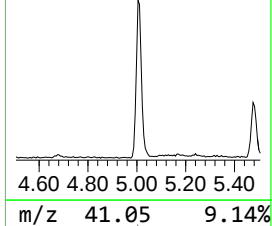
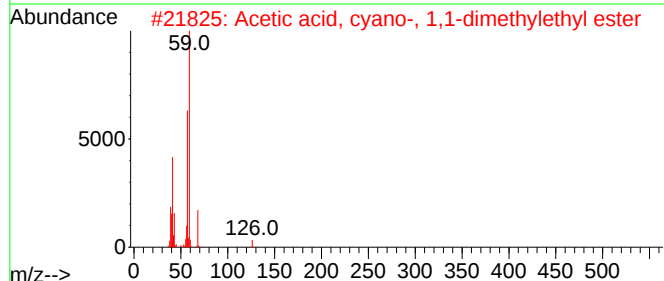
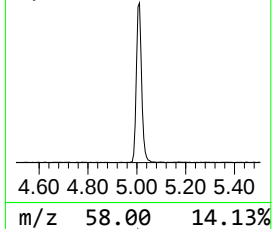
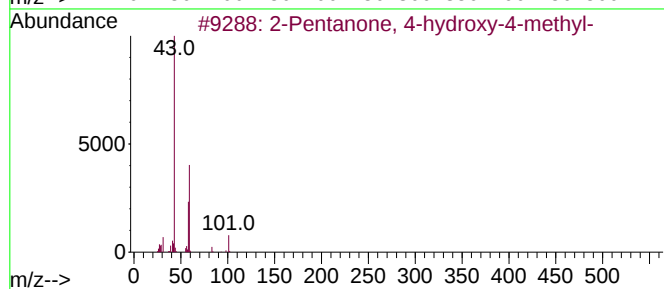
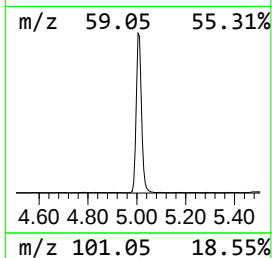
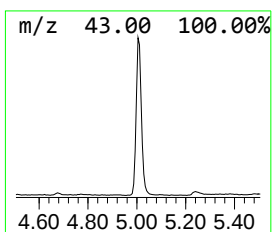
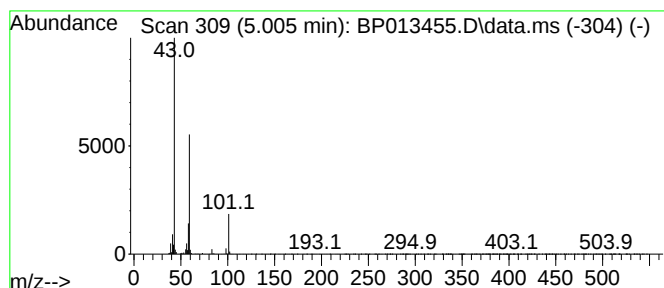
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.005	23.36 ng	2397420	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
3			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9



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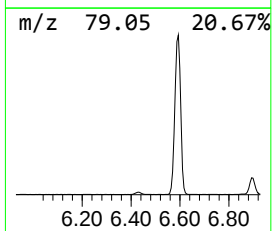
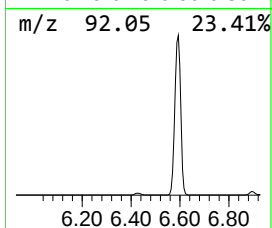
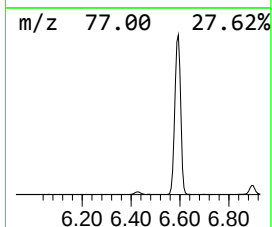
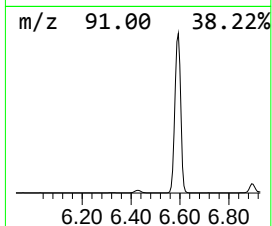
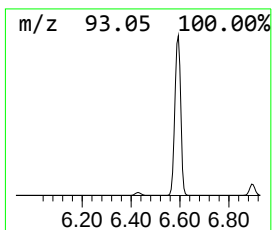
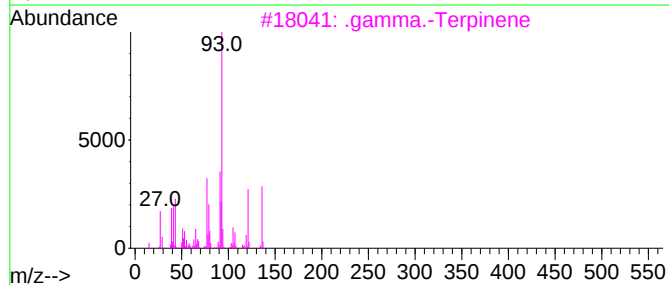
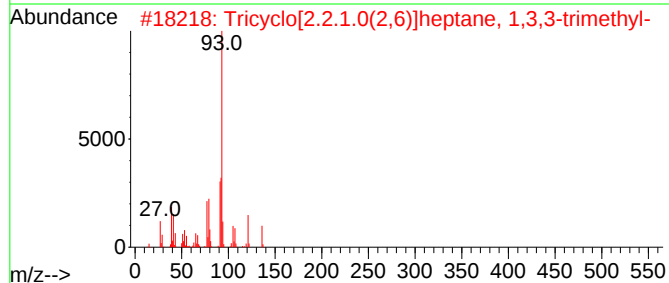
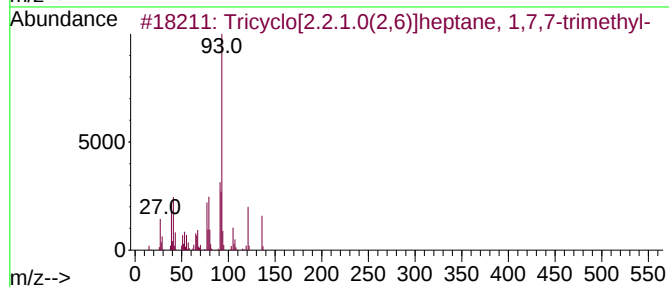
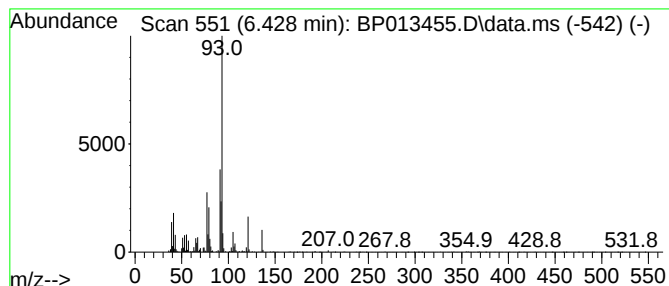
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.428	7.73 ng	793261	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	87
3			.gamma.-Terpinene	136	C10H16	000099-85-4	87
4			3-Carene	136	C10H16	013466-78-9	86
5			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	83



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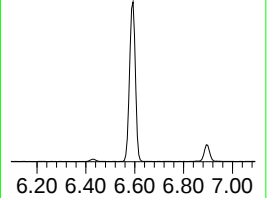
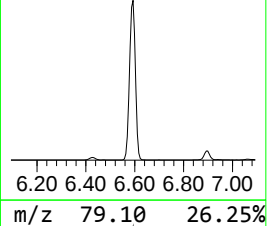
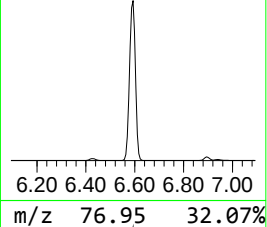
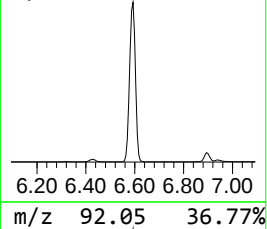
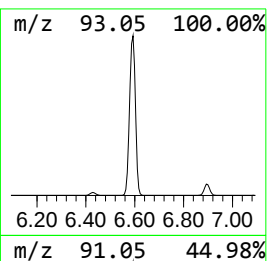
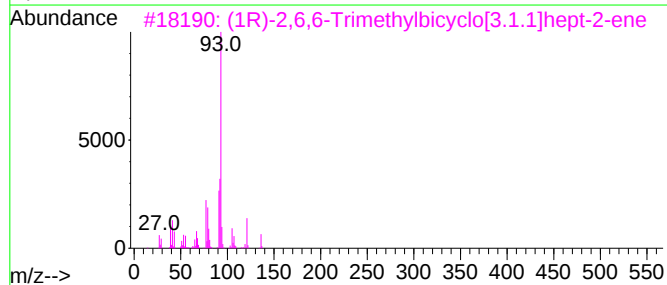
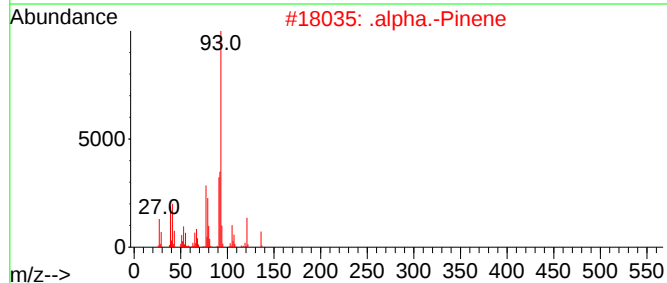
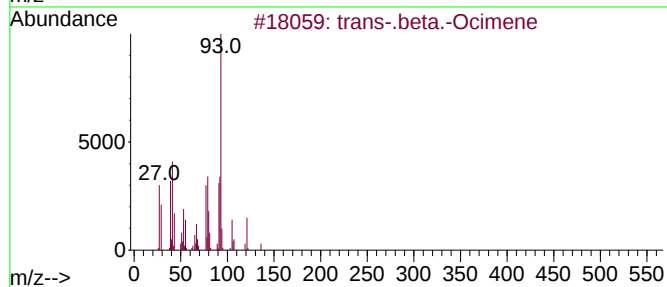
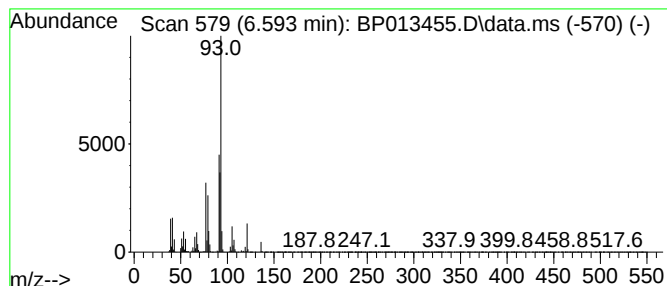
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 trans-.beta.-Ocimene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.593	401.45 ng	41204000	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
2			.alpha.-Pinene	136	C10H16	000080-56-8	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
4			.gamma.-Terpinene	136	C10H16	000099-85-4	91
5			(+)-3-Carene	136	C10H16	000498-15-7	91



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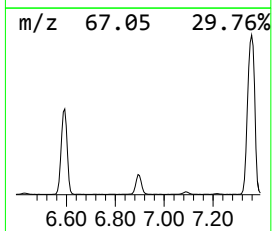
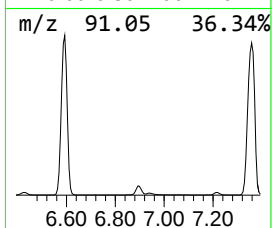
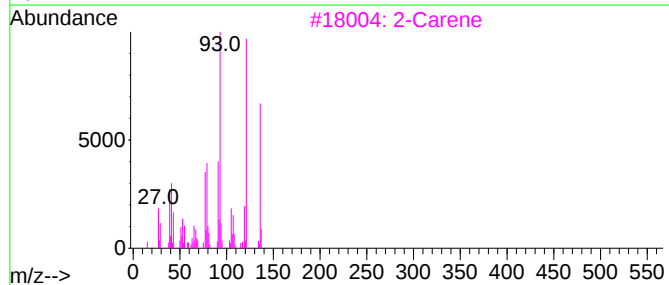
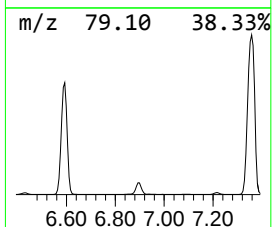
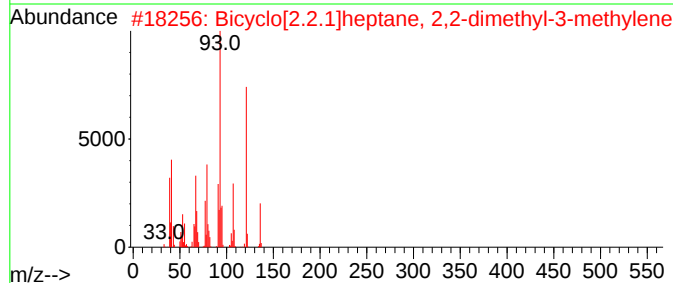
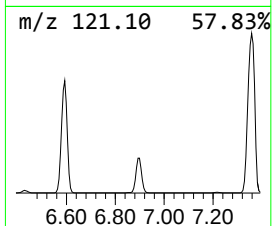
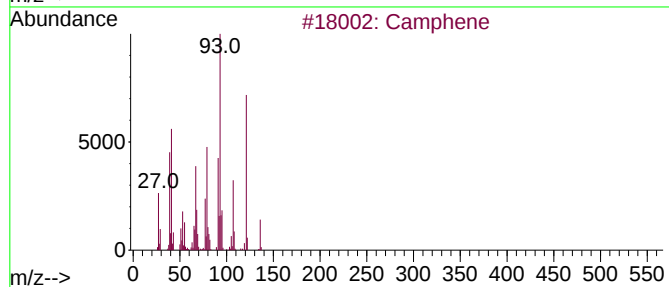
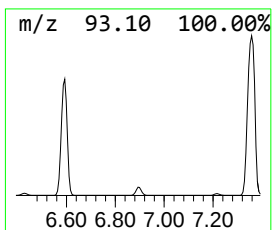
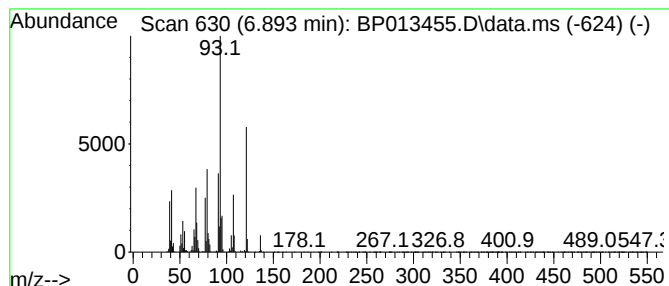
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Camphene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.893	36.36 ng	3732320	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Camphene	136	C10H16	000079-92-5	95
2			Bicyclo[2.2.1]heptane, 2,2-dimet...	136	C10H16	005794-04-7	94
3			2-Carene	136	C10H16	000554-61-0	74
4			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	74
5			(+)-4-Carene	136	C10H16	029050-33-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6

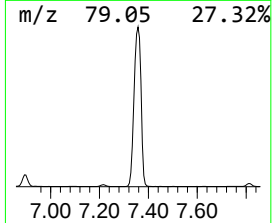
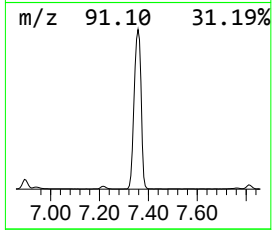
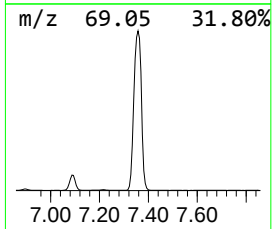
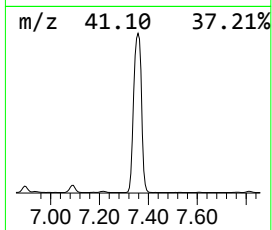
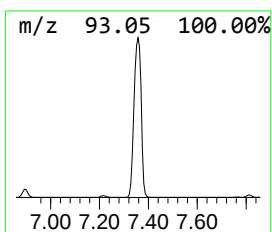
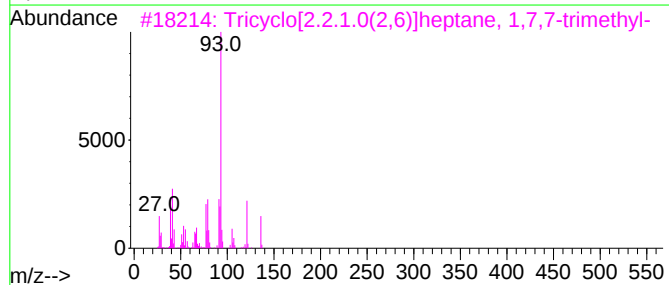
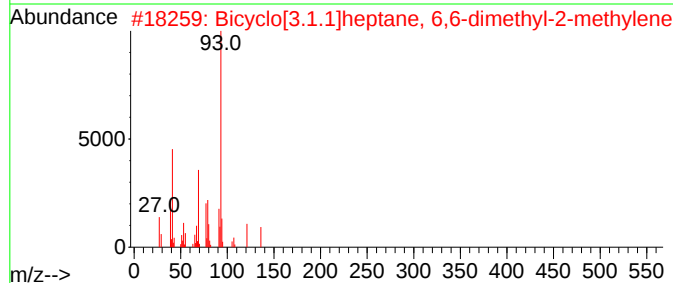
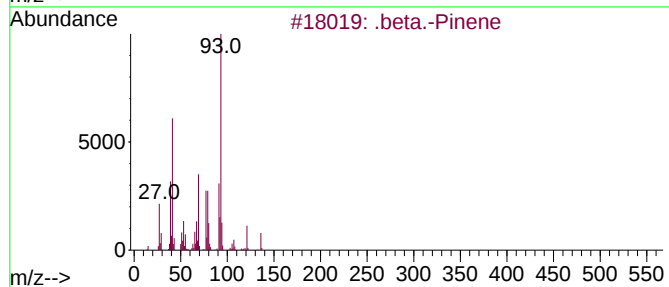
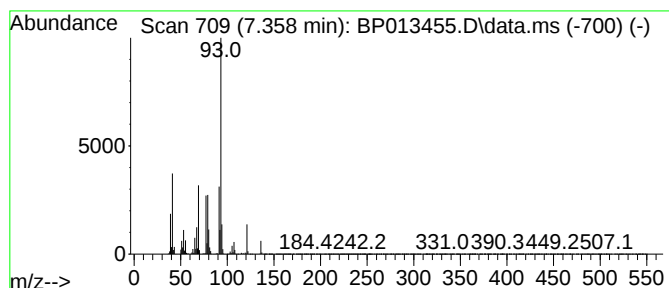
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.358	692.20 ng	71046400	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Pinene	136	C10H16	000127-91-3	96
2			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4			.alpha.-Pinene	136	C10H16	000080-56-8	91
5			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6

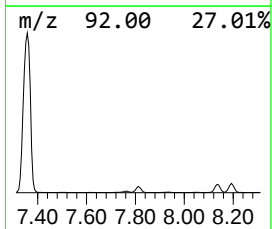
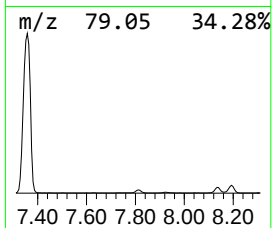
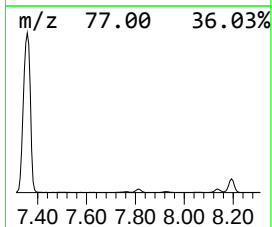
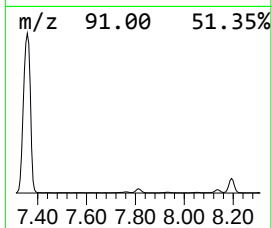
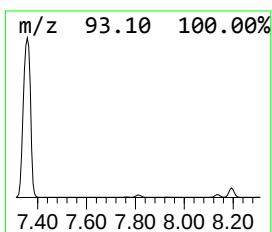
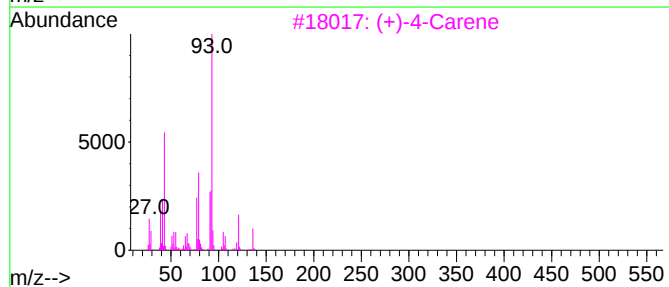
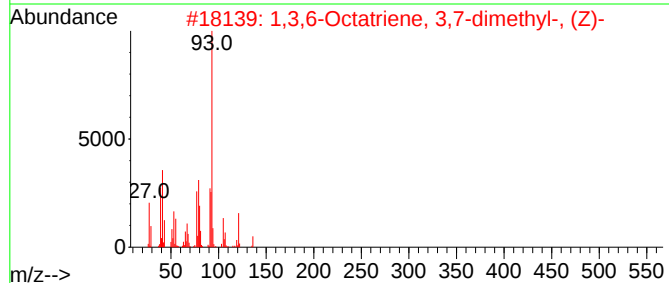
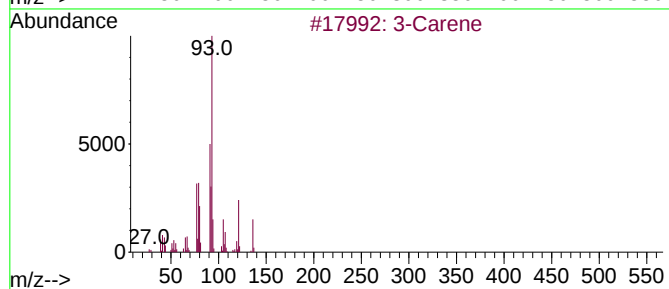
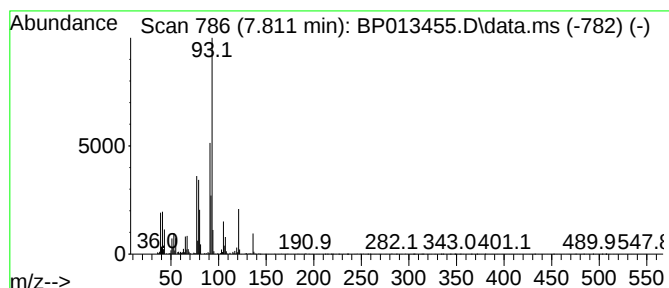
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Carene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.811	8.95 ng	918485	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	96
2			1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	94
3			(+)-4-Carene	136	C10H16	029050-33-7	91
4			Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	91
5			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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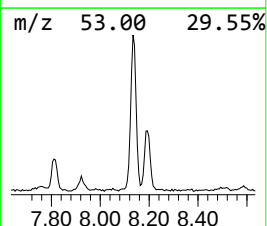
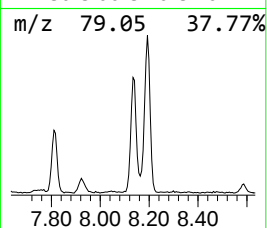
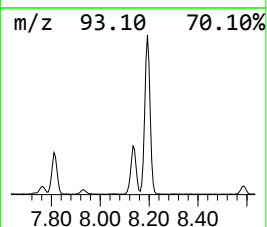
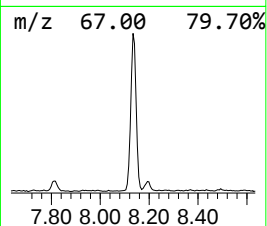
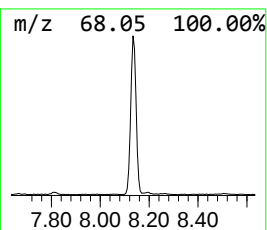
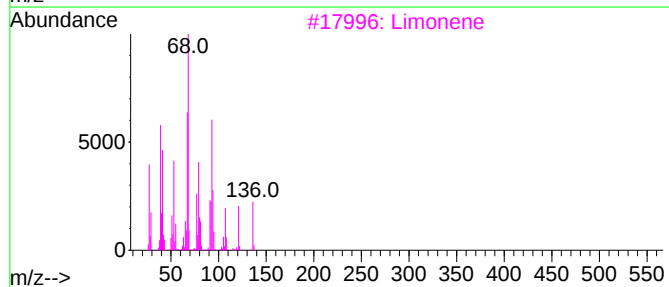
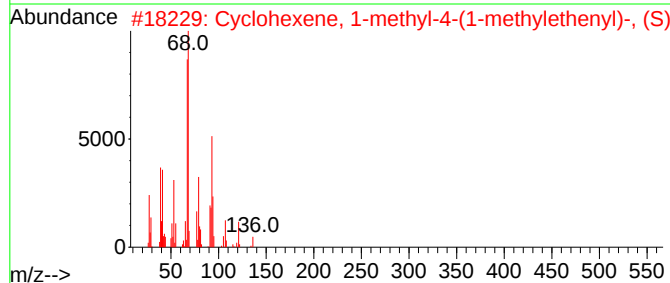
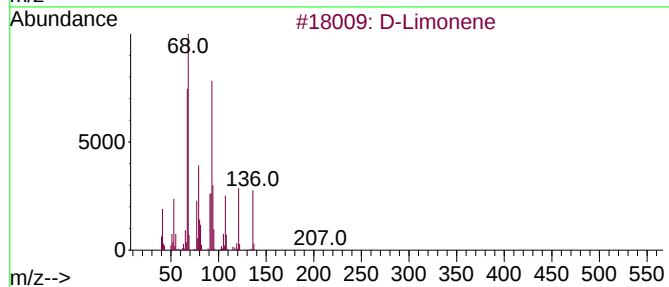
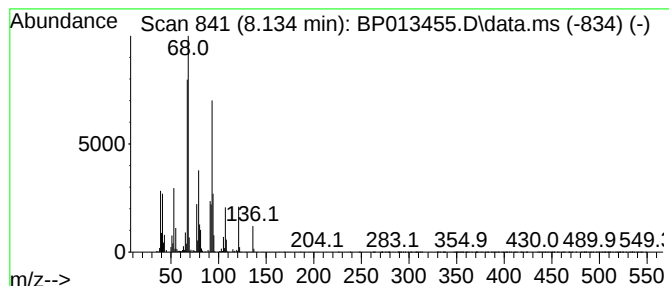
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 D-Limonene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.134	20.95 ng	2150590	1,4-Dichlorobenzene-d4	7.922

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	95
3			Limonene	136	C10H16	000138-86-3	91
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	90
5			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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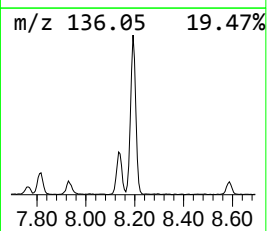
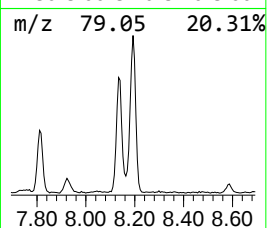
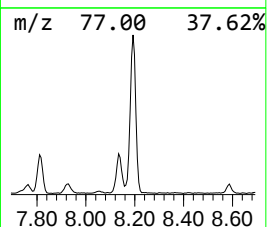
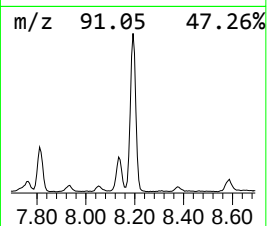
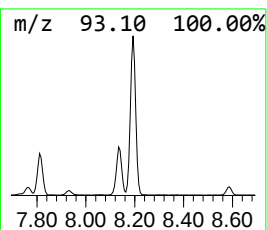
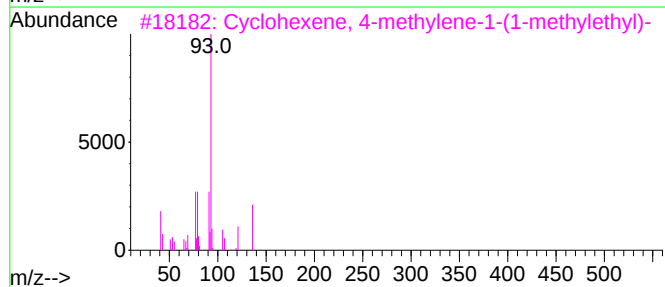
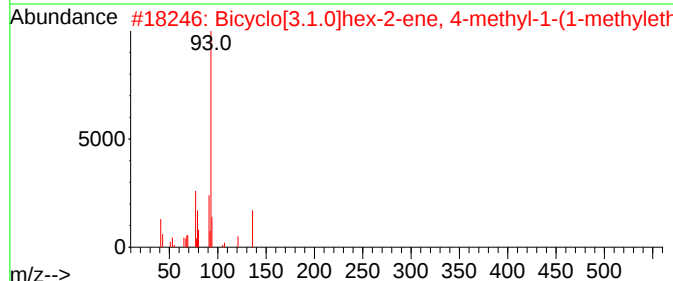
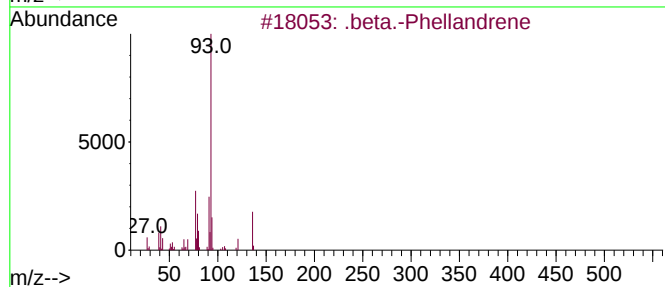
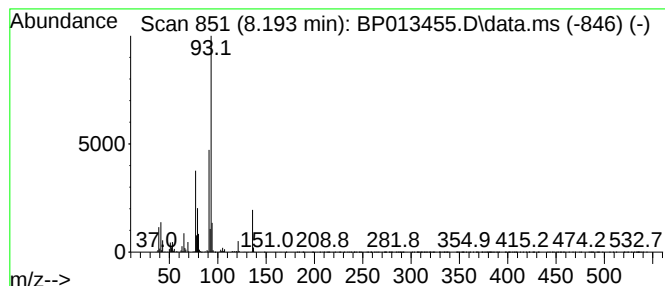
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 .beta.-Phellandrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.193	25.74 ng	2642080	1,4-Dichlorobenzene-d4	7.922

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Phellandrene	136	C10H16	000555-10-2	91
2		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	87
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	86
4		Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	86
5		.alpha.-Phellandrene	136	C10H16	000099-83-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
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Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

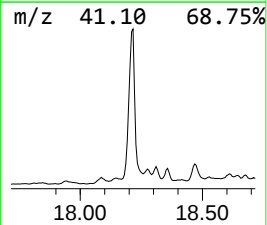
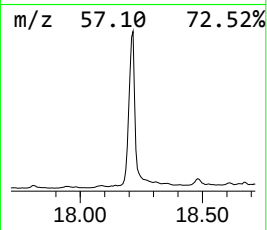
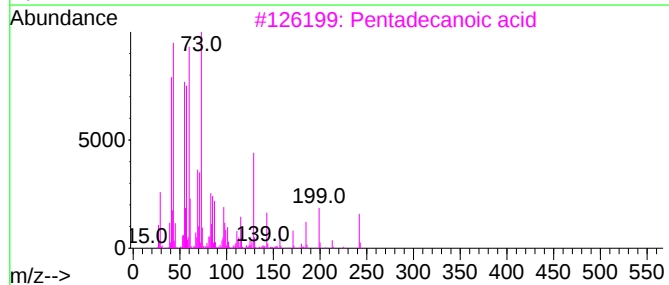
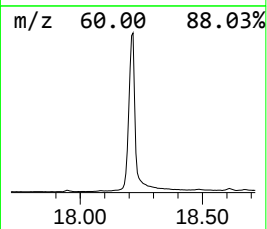
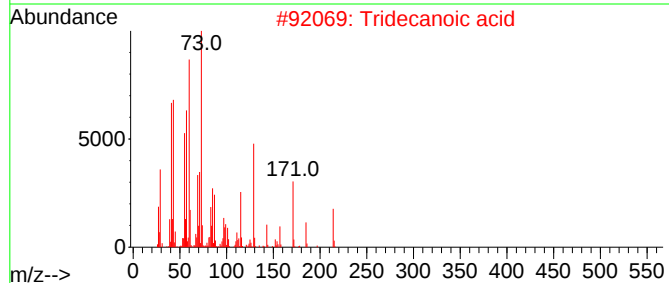
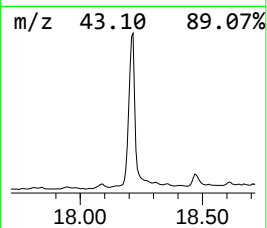
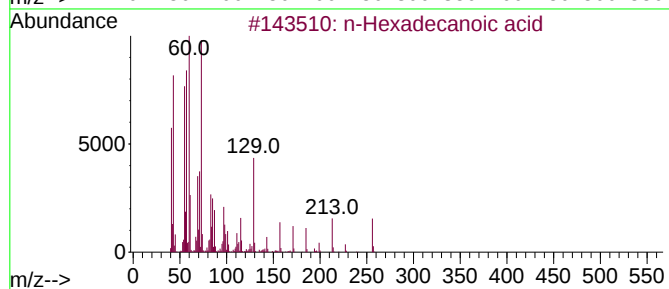
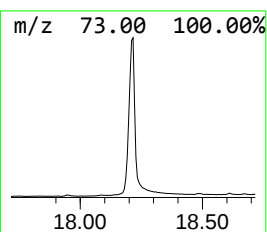
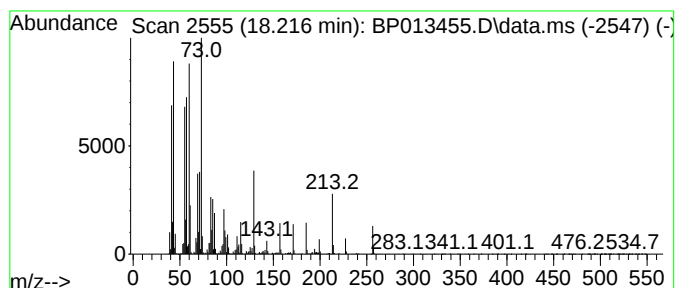
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.216	84.01 ng	34151000	Phenanthrene-d10			17.328
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	99
2	Tridecanoic acid		214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid		242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	59
5	n-Decanoic acid		172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
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Acq On : 11 Jan 2023 21:37
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Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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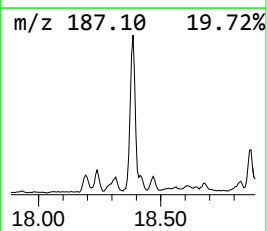
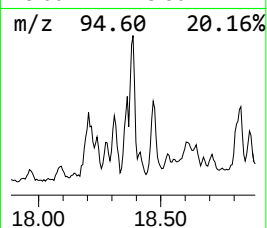
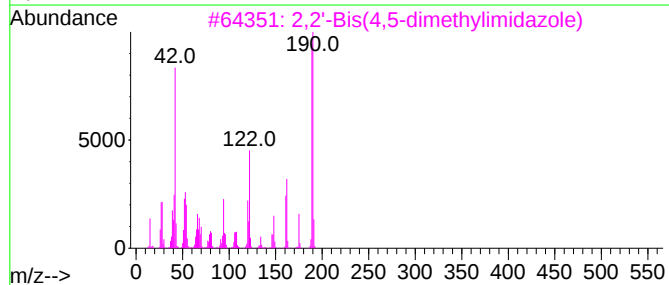
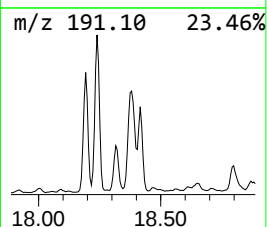
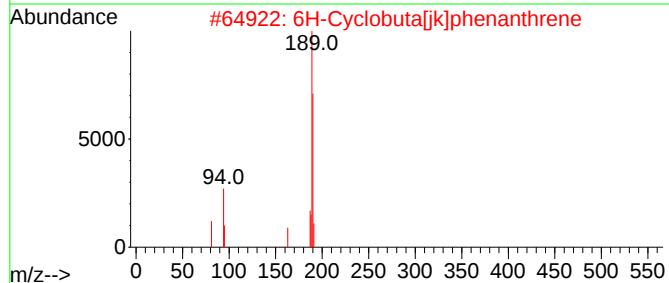
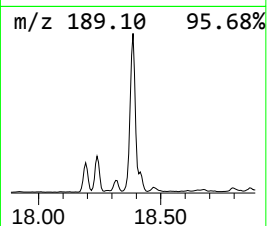
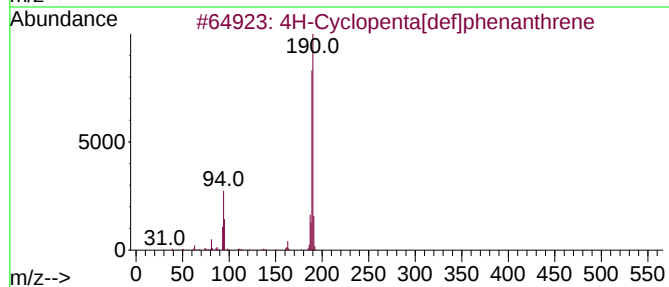
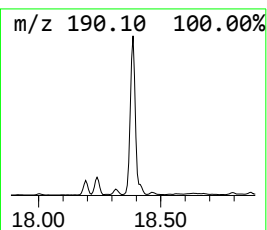
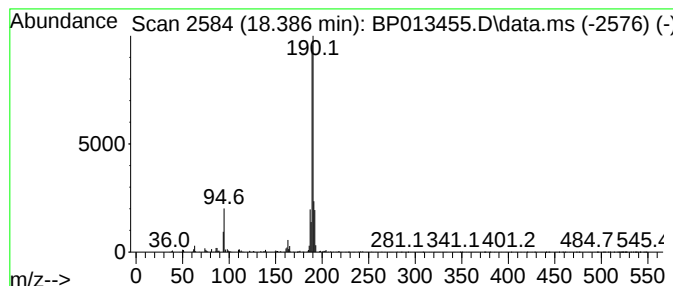
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.387	15.24 ng	6196830	Phenanthrene-d10	17.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40
5			Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27



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Operator : CG/JU
Sample : 01105-01
Misc :
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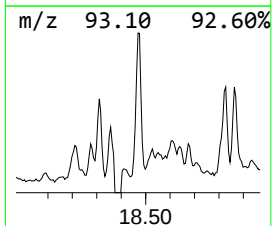
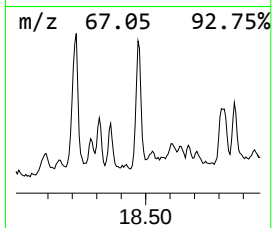
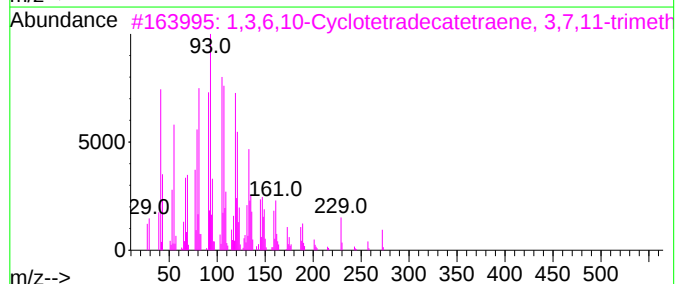
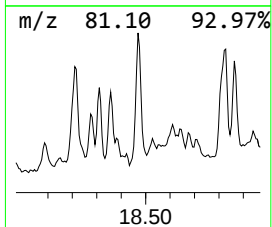
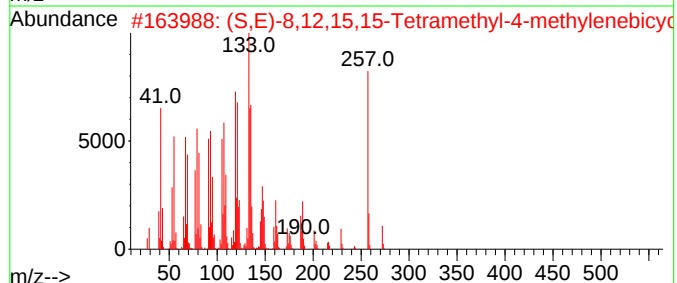
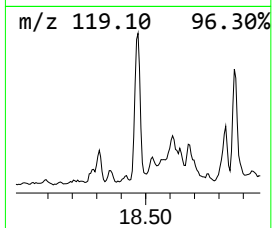
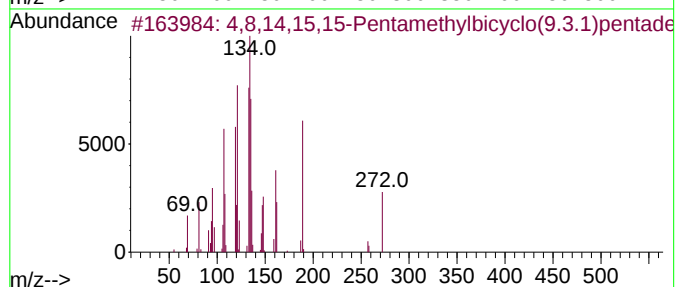
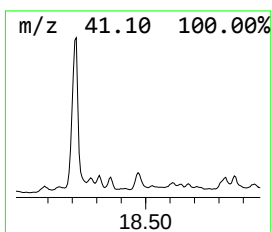
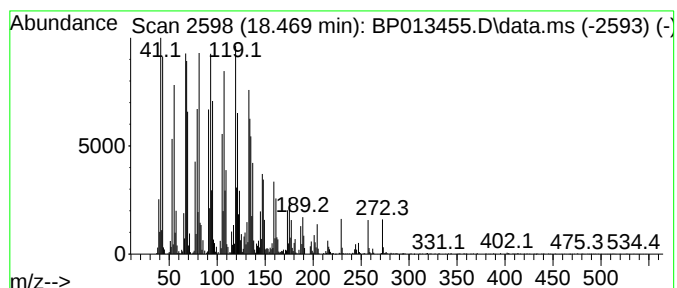
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4,8,14,15,15-Pentamethylbic... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.469	13.55 ng	5506890	Phenanthrene-d10	17.328	
Hit#	of 5	Tentative ID	MW MolForm	CAS#	Qual
1	4,8,14,15,15-Pentamethylbicyclo(...	272	C20H32	1000427-18-4	64
2	(S,E)-8,12,15,15-Tetramethyl-4-m...	272	C20H32	386223-19-4	50
3	1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	50
4	1,5,9-Cyclododecatriene, 1,5,9-t...	204	C15H24	021064-19-7	50
5	Alloaromadendrene	204	C15H24	025246-27-9	50



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Acq On : 11 Jan 2023 21:37
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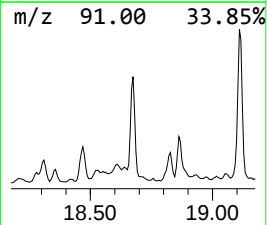
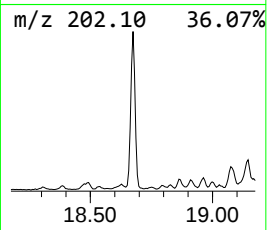
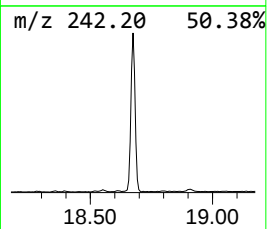
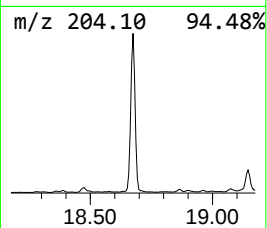
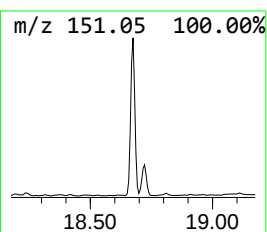
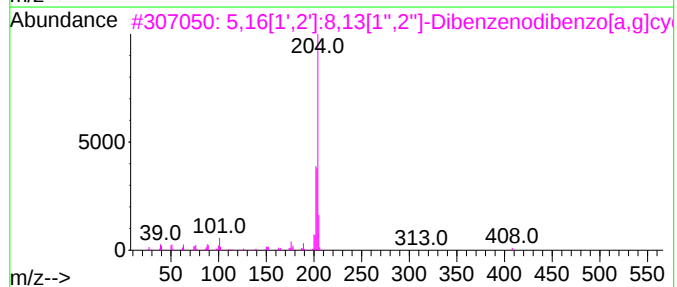
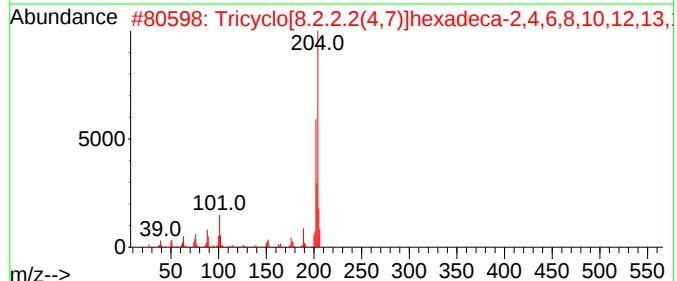
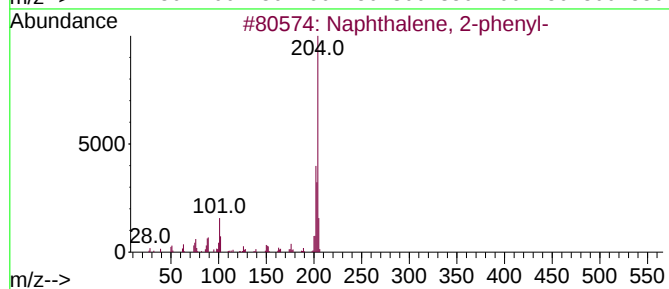
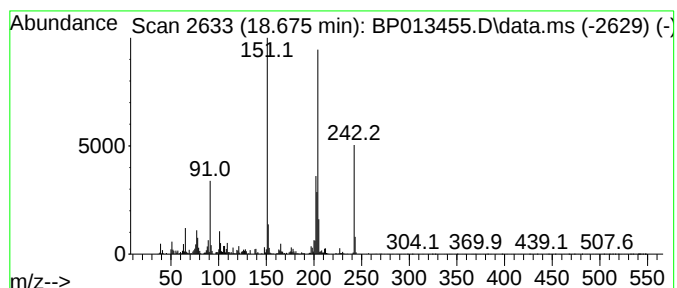
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown18.675 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	13.10 ng	5324660	Phenanthrene-d10	17.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	49
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	46
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
4		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	30
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
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Misc :
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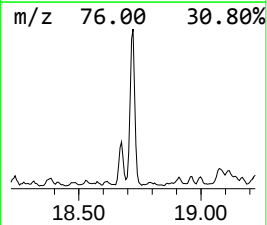
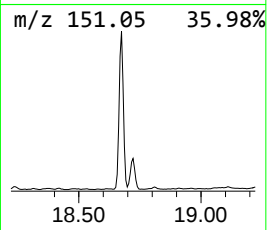
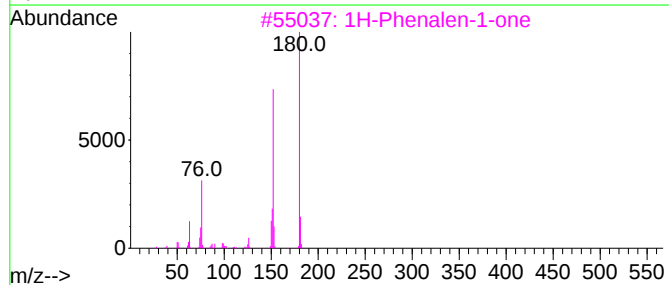
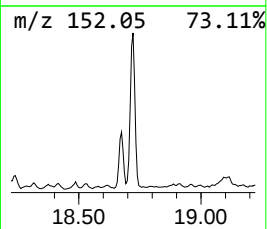
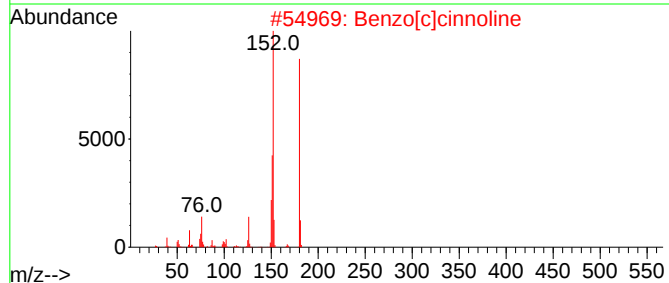
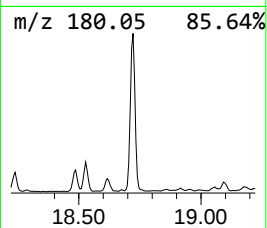
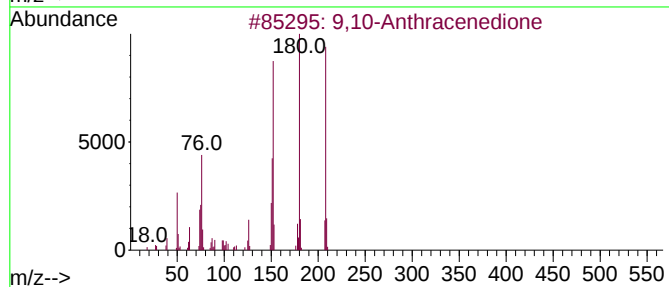
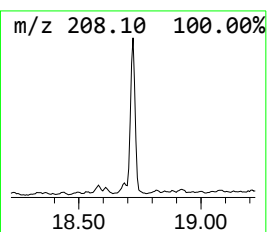
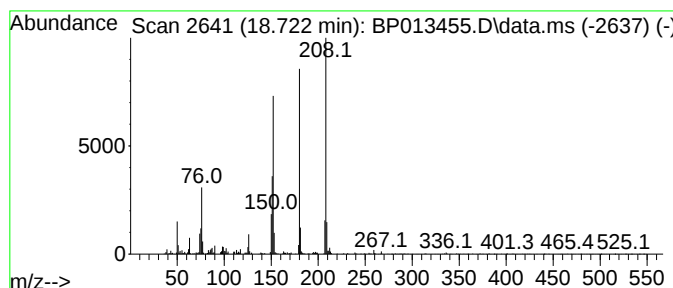
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	7.14 ng	2902920	Phenanthrene-d10	17.328

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
5		2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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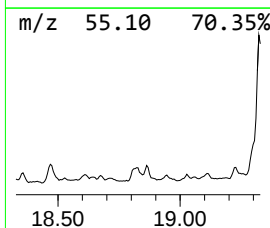
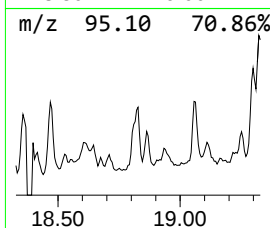
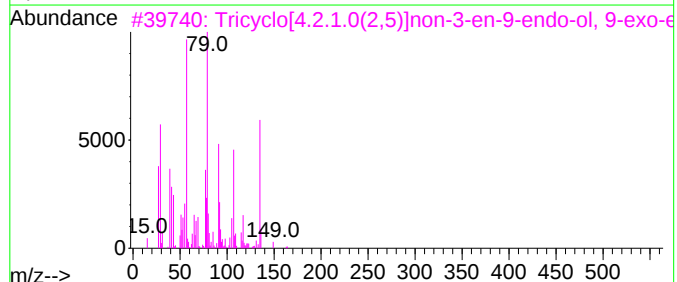
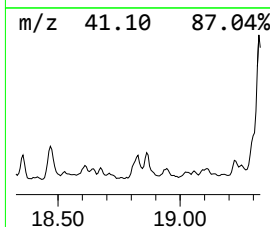
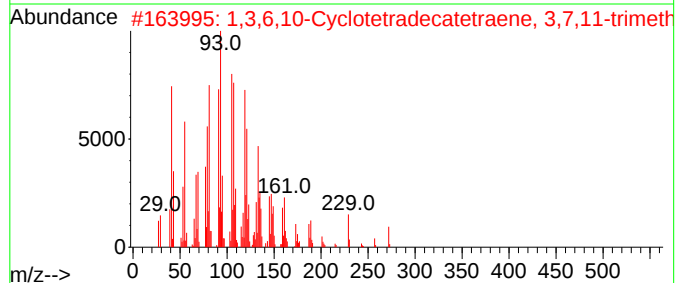
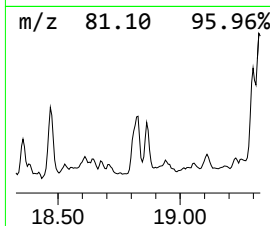
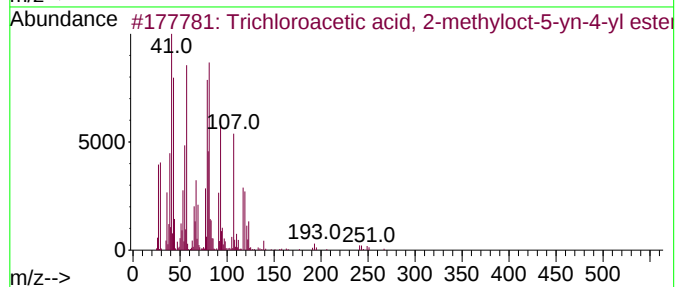
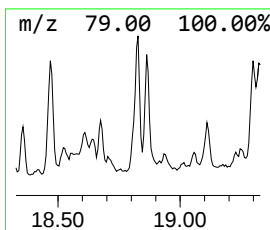
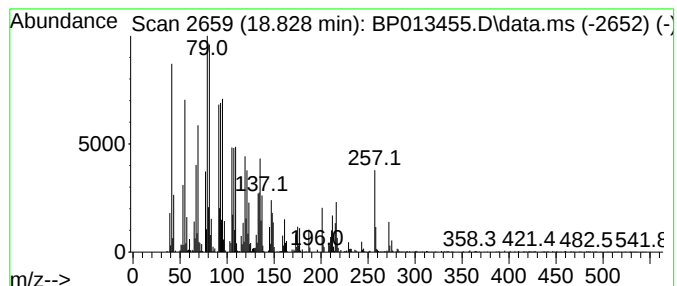
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown18.828 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	8.87 ng	3606940	Phenanthrene-d10	17.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, 2-methyloc...	284	C11H15Cl3O2	1000299-25-8	43
2			1,3,6,10-Cyclotetradecatetraene,...	272	C20H32	001898-13-1	43
3			Tricyclo[4.2.1.0(2,5)]non-3-en-9...	164	C11H16O	1000141-58-6	27
4			3-Tetradecen-5-yne, (Z)-	192	C14H24	074663-68-6	27
5			3-Tetradecen-5-yne, (E)-	192	C14H24	074744-44-8	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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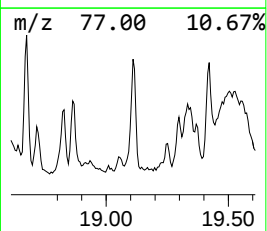
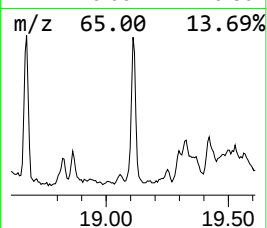
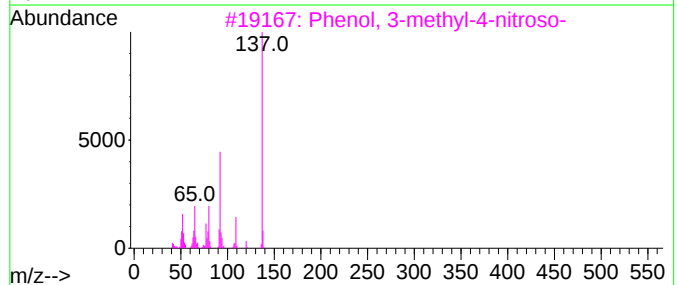
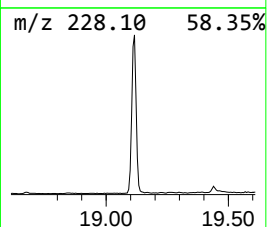
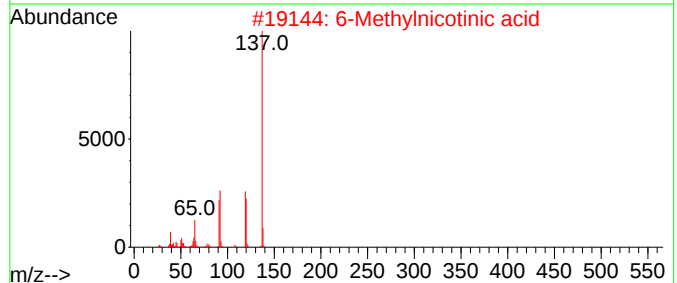
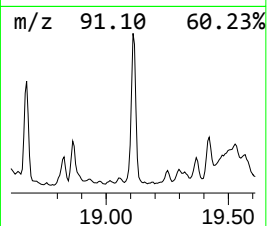
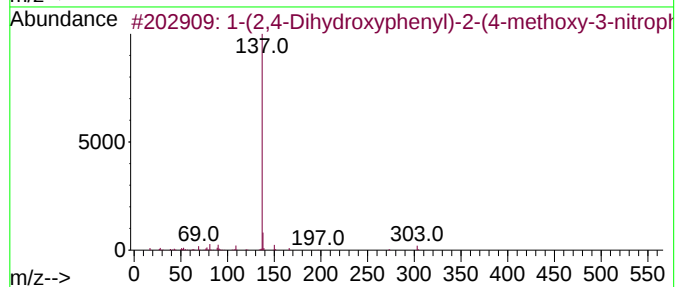
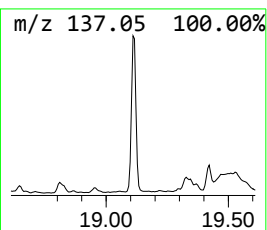
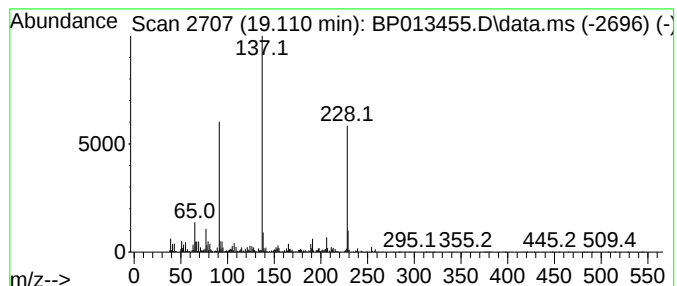
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown19.110 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	16.87 ng	6859220	Phenanthrene-d10	17.328

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-(2,4-Dihydroxyphenyl)-2-(4-met...	303	C15H13NO6	1000241-49-7	43
2			6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	43
3			Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	43
4			Phenylacetylformic acid, 4-hydro...	210	C10H10O5	001081-71-6	43
5			6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
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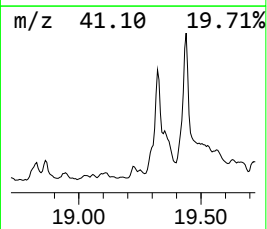
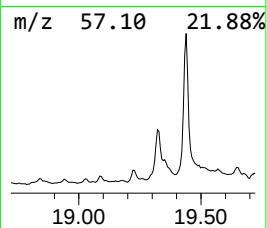
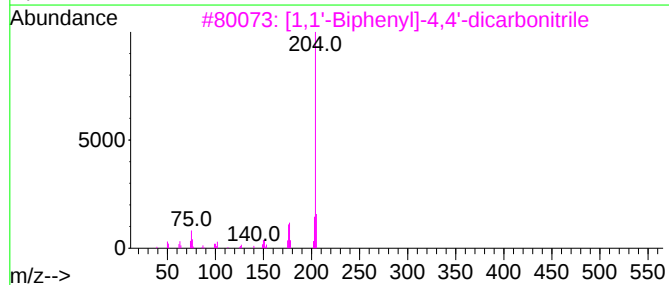
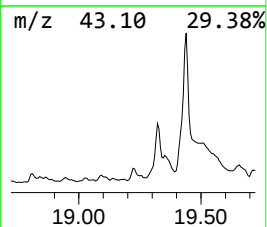
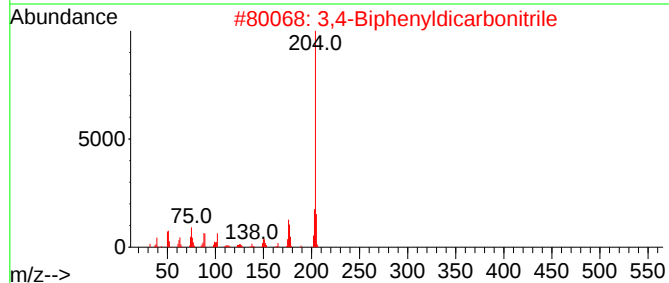
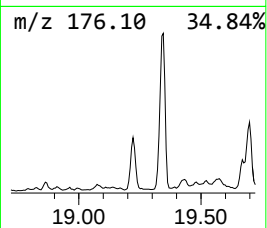
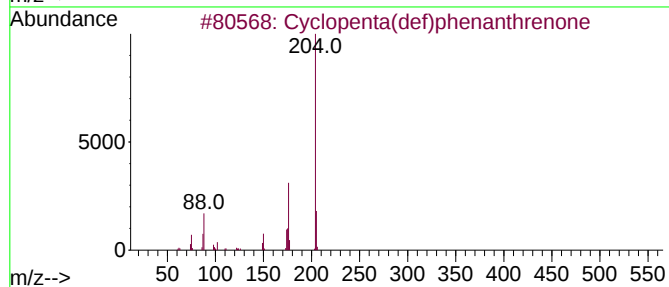
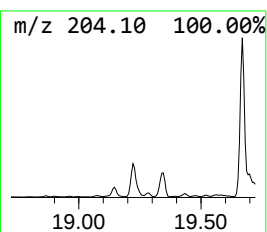
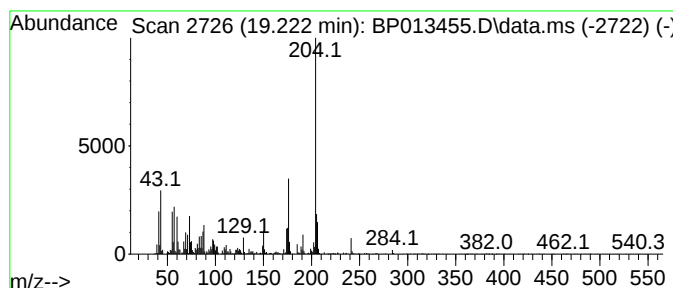
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.222	7.24 ng	2941860	Phenanthrene-d10	17.328	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
4	Butyl mannoside, 4TMS	524	C22H52O6Si4	146399-94-2	47
5	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
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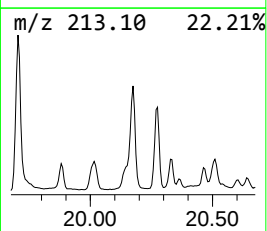
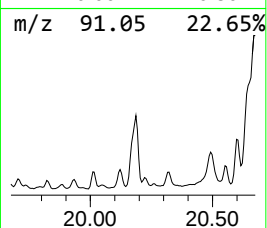
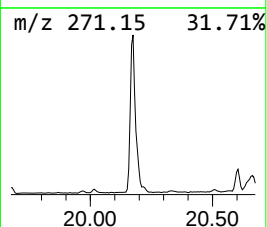
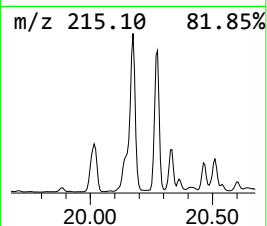
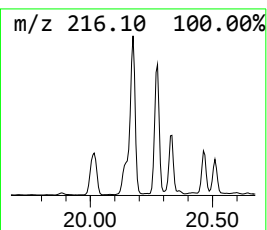
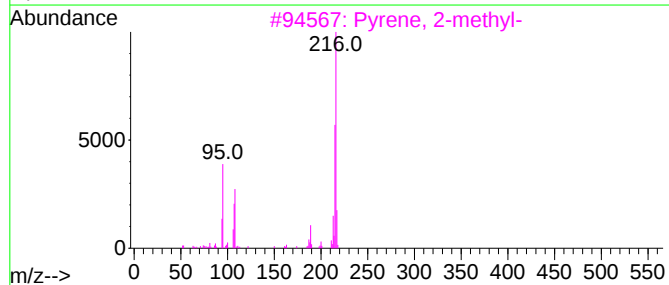
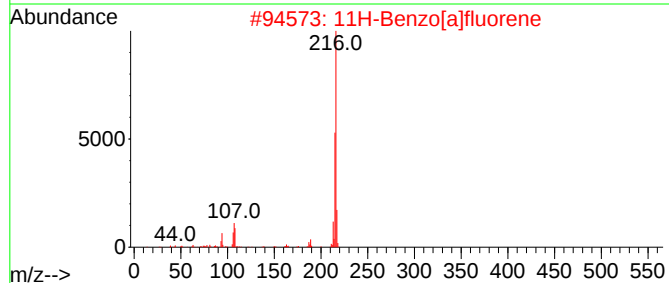
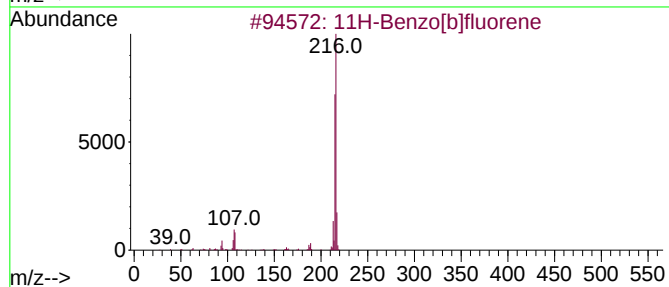
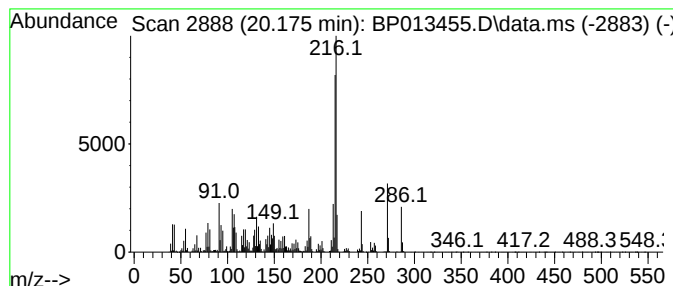
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.175	9.81 ng	31925400	Chrysene-d12	21.427

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	62
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6

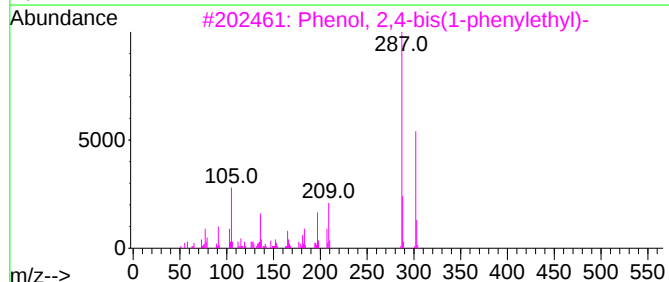
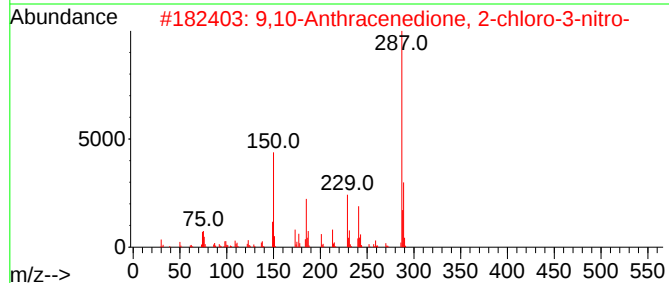
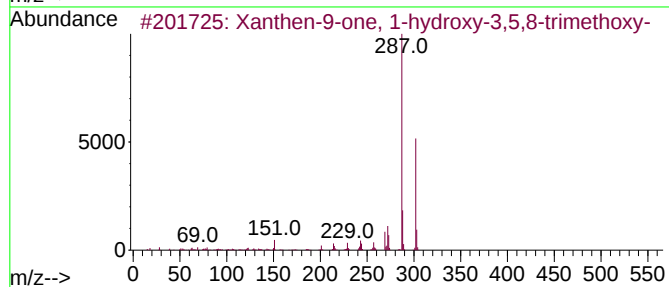
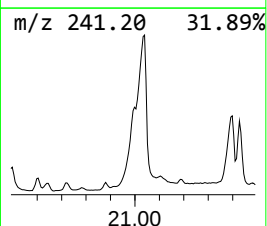
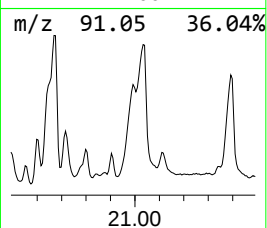
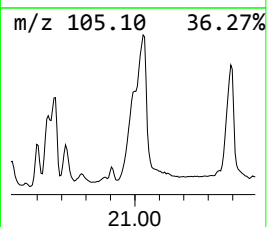
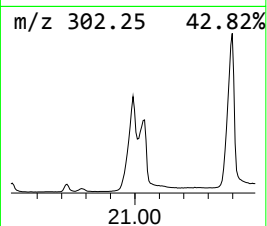
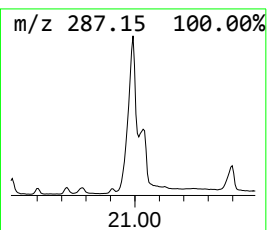
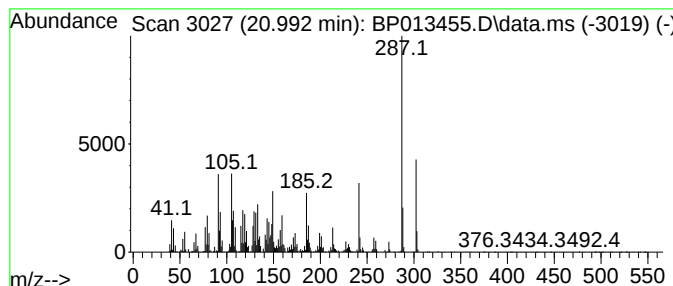
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 unknown20.992 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	10.68 ng	34761000	Chrysene-d12	21.427

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xanthen-9-one, 1-hydroxy-3,5,8-t...	302	C16H14O6	049599-09-9	49		
2	9,10-Anthracenedione, 2-chloro-3...	287	C14H6ClNO4	1000319-31-3	43		
3	Phenol, 2,4-bis(1-phenylethyl)-	302	C22H22O	002769-94-0	43		
4	5,7-Diphenyl-7H-pyrrolo[2,3-d]py...	287	C18H13N3O	287177-12-2	38		
5	Silane, trimethyl([1,1':3',1''-t...	302	C21H22Si	128388-53-4	32		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

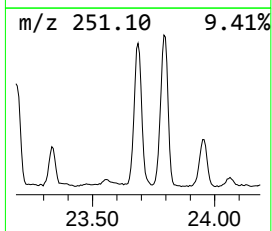
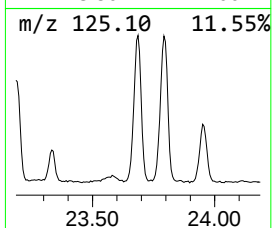
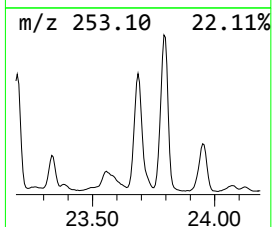
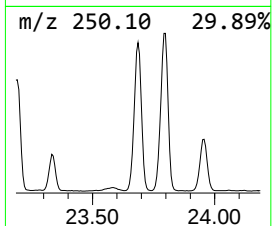
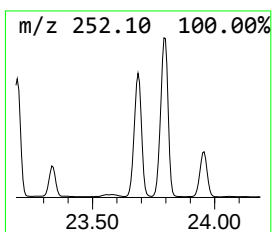
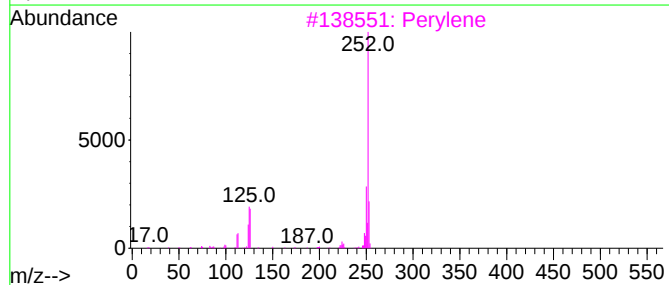
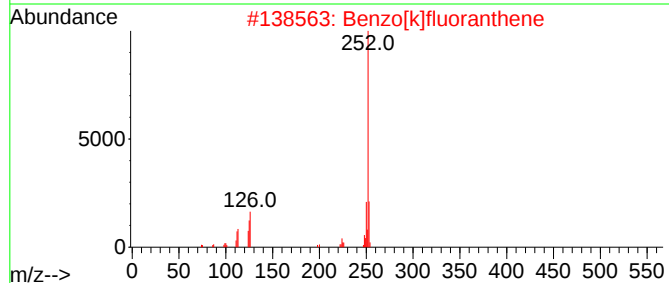
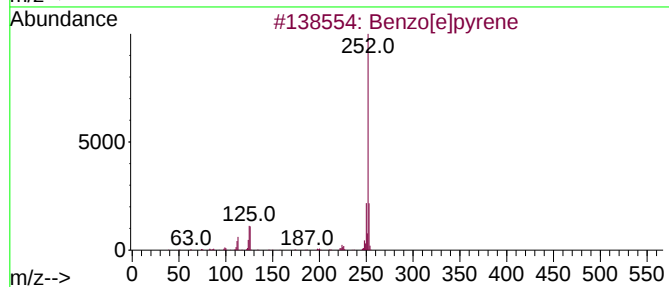
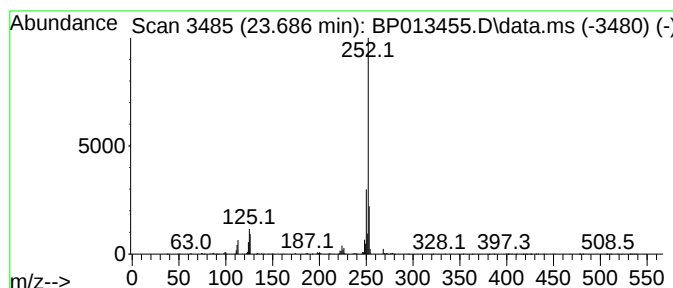
Instrument :
BNA_P
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.686	15.36 ng	16698400	Perylene-d12	23.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011123\
Data File : BP013455.D
Acq On : 11 Jan 2023 21:37
Operator : CG/JU
Sample : 01105-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-...	5.005	23.4	ng	2397420	1	7.922	2052770	20.0
Tricyclo[2.2.1....	6.428	7.7	ng	793261	1	7.922	2052770	20.0
trans-.beta.-Oc...	6.593	401.4	ng	41204000	1	7.922	2052770	20.0
Camphene	6.893	36.4	ng	3732320	1	7.922	2052770	20.0
.beta.-Pinene	7.358	692.2	ng	71046400	1	7.922	2052770	20.0
3-Carene	7.811	8.9	ng	918485	1	7.922	2052770	20.0
D-Limonene	8.134	20.9	ng	2150590	1	7.922	2052770	20.0
.beta.-Phelland...	8.193	25.7	ng	2642080	1	7.922	2052770	20.0
n-Hexadecanoic ...	18.216	84.0	ng	34151000	4	17.328	8130670	20.0
4H-Cyclopenta[d]...	18.387	15.2	ng	6196830	4	17.328	8130670	20.0
4,8,14,15,15-Pe...	18.469	13.6	ng	5506890	4	17.328	8130670	20.0
unknown18.675	18.675	13.1	ng	5324660	4	17.328	8130670	20.0
9,10-Anthracene...	18.722	7.1	ng	2902920	4	17.328	8130670	20.0
unknown18.828	18.828	8.9	ng	3606940	4	17.328	8130670	20.0
unknown19.110	19.110	16.9	ng	6859220	4	17.328	8130670	20.0
Cyclopenta(def)...	19.222	7.2	ng	2941860	4	17.328	8130670	20.0
11H-Benzo[b]flu...	20.175	9.8	ng	31925400	5	21.427	65113900	20.0
(E)-3-Methyl-5-...	20.663	23.7	ng	77134800	5	21.427	65113900	20.0
unknown20.992	20.992	10.7	ng	34761000	5	21.427	65113900	20.0
Benzo[e]pyrene	23.686	15.4	ng	16698400	6	23.904	21736500	20.0